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60/306,757 Disposable heat insulated cups

### Application Data

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**Van Handel**

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(54) **DISPOSABLE THERMALLY INSULATED CUP AND METHOD FOR MANUFACTURING THE SAME**

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(58) **Field of Search** ..... 229/4.5, 5.84, 229/400, 403; 220/62.12, 62.13, 62.18, 62.2, 62.22; 493/95, 96, 97, 98, 907; 428/34.2, 34.9; 156/84, 290

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(57) **ABSTRACT**

A disposable cup comprises a side wall having an outer surface, an inner surface, and at least one air pocket formed on the inner surface. The air pockets are formed by shrink film being adhered to the inner surface in at least one pattern and adapted to pull away from the inner surface in accordance with the pattern upon application of heat at a temperature range sufficient to cause the formation of air pockets. The formed air pockets thermally insulate a portion of the outer cup surface located directly behind the air pockets.

**18 Claims, 8 Drawing Sheets**

